



PHCC Pro Series 2400 Battery Backup Sump Pump System



The Pro Series 2400 is the top of the line PHCC backup sump pump system

- Automatic battery backup system for ultimate security and peace of mind
- Advanced computer controlled monitoring system
- Caged dual float switch for added redundancy
- Designed for use with maintenance or maintenance free batteries
- Output terminals for connection to a security system or auto dialer



B-2200



B12-90

Pro Series Standby Batteries

- Accommodates battery fluid sensor (B-2200)
- Lasts longer in standby operation

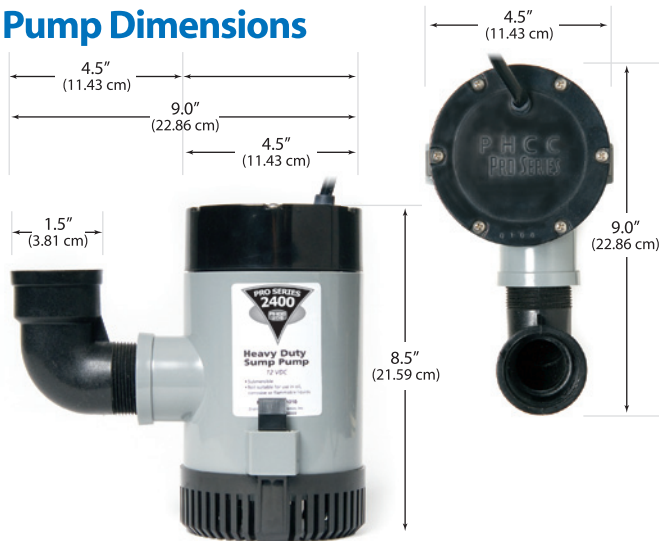
PHCC-2400

Features

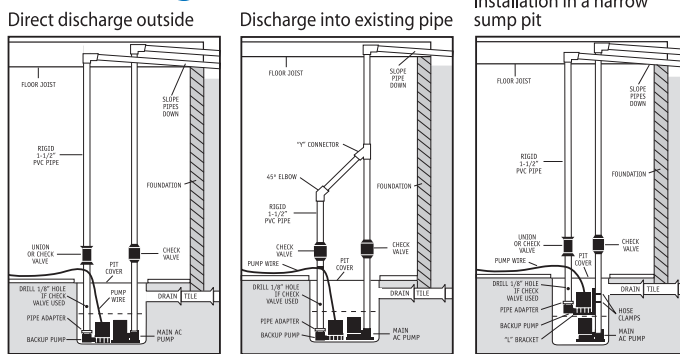
- Automatically switches to battery power when AC fails
- Recharges automatically
- Monitors system conditions and alarms when:
 - Battery needs water, is discharged or needs to be replaced
 - Battery cable is loose or corroded
 - Power plug is disconnected, fuse is blown or circuit breaker is tripped
 - Pump is clogged or broken
 - Backup pump has been activated
- Designed for use with maintenance or maintenance free batteries
- Alarm can be silenced during a power outage
- Displays percentage of power remaining in the battery
- Runs pump weekly to test for proper operation
- Can run directly on AC power
- Output terminals for connection to a security system or auto-dialer – Let the system call you
- Accommodates up to two (2) B-2200 batteries for 100 hours of pumping*

*Based on 10% duty cycle. Run times may vary based on inflow of water

Pump Dimensions



Install Diagram



Available at:



Specifications

Pump

Flow @ 10 ft Head	2,400 GPH
Amp Draw @ 10 ft Head	16.0 Amps DC
Max Head	17 ft. (5.2 m)
Inlet	Snap-on Non-corrosive ABS Screen
Motor Type	Brush-type DC
Voltage	12 VDC

Charger/Monitor

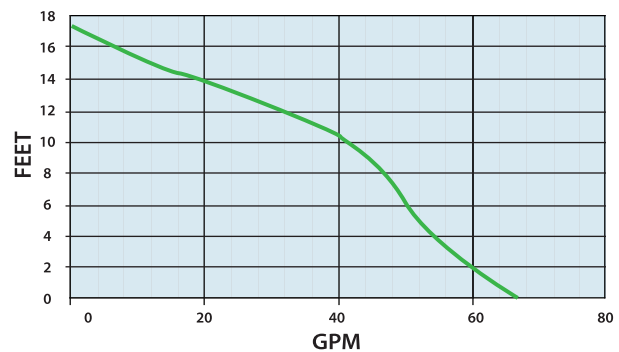
Power Input	115 VAC, 60 Hz
Charger Strength Voltage/Current	12 VDC / 13.0 Amps
Pumping Time with B-2200 Battery	50 Hours*
Pumping Time with B12-90 Maintenance Free Battery	50 Hours*
Pumping Time - Intermittent Duty	Days of pumping
Float Switch	Dual micro reed switch with protective cage
Shipping Weight	23.0 lb. (10.4 kg)

*Based on 10% duty cycle. Run times may vary based on inflow of water

Construction

- Pump housing - non-corrosive ABS
- Impeller - non-corrosive fiber filled polycarbonate
- Stainless steel shaft
- Carbon ceramic seal plus additional Buna N seal
- Dual ball bearings

Flow Chart



Included with System

- Control unit with fluid sensor
- Pump
- Caged dual float switch
- Battery box
- Battery filler bottle - for easy battery maintenance
- Battery cap to accommodate fluid sensor